100 .102 118 - 122 112 116 106 SERVO CONTROLLER 124 - 110 PATTERN DEMOD SERVO PROCESSOR VCM 126 108 DAC 128 VCM DRIVE 152 114 -109 130 SHOCK SENSOR - 120 - 134 DATA CHANNEL HDD CONTROLLER 132 -SPINDLE MOTOR - 136 CONTROLLER COMPUTER SYSTEM

**FIG.** 1



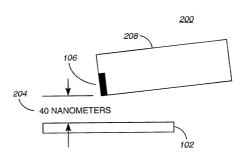


FIG. 2

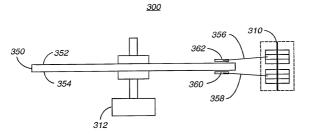


FIG. 3



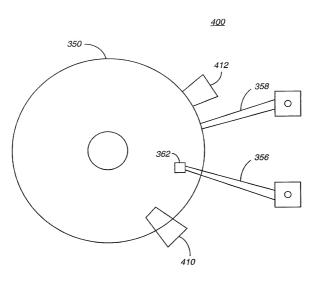
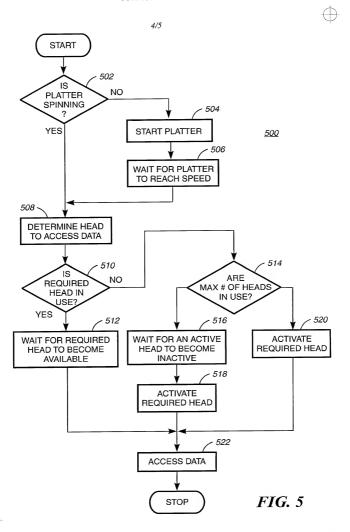


FIG. 4





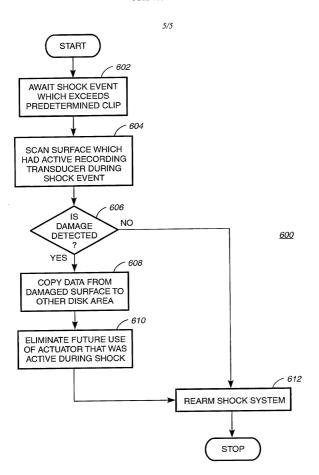


FIG. 6